| Ind | ex o | f Clá | aims |  |
|-----|------|-------|------|--|
|     |      |       |      |  |

| Application/Control No. | Applicant(s)/Patent under<br>Reexamination |
|-------------------------|--|
| 10/525.829              | DUFFETT-SMITH ET AL                        |

Examiner

AL.

Art Unit

April S. Guzman

2631

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
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|   | Interference |

| A | Appeal   |
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| o | Objected |

| Cla      | aim                        |                                       |          |  | 1  | Dat  |  |  |  |                     |
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| Final    | Original                   | 8/10/06                               |          |  |  |  |  |  |  |                     |
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|          | 1<br>2<br>3<br>4<br>5      | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | _        | ┢  | 1  | T  |  | <u> </u>   | T  | 1                   |
|          | 3                          | 1                                     |          |  |  | T  | T  |  |  |                     |
|          | 4                          | 1                                     |          |  | Г  | Г  |  | Г  |  |                     |
|          | 5                          | 1                                     |          |  |  |  |  |  | Г  |                     |
|          | 6                          | <b>V</b>                              |          |  |  |  |  |  | Г  |                     |
|          | 6<br>7                     | 1                                     |          |  | Г  |  |  |  | Π  |                     |
|          | 8<br>9                     | 1                                     |          |  |  |  |  |  |  |                     |
|          | 9                          | 1                                     |          | Г  |  |  |  |  | П  |                     |
|          | 10                         | 1                                     |          |  |  |  |  | İ  |  |                     |
|          | 11                         | 1                                     |          |  |  |  |  | T  |  |                     |
|          | 12                         | 1                                     | İ        |  |  |  |  | $\Box$   | Г  |                     |
|          | 13                         | 1                                     |          |  |  | Г  |  |  |  | П                   |
|          | 11<br>12<br>13<br>14<br>15 | 1 1 1 1 1                             |          | 1  |  |  |  |  |  | П                   |
|          | 15                         | 1                                     |          |  |  | $\vdash$   | <del>                                     </del> | 1  |  | П                   |
|          | 16                         | 1                                     | <b>!</b> | <del>                                     </del> | <b>!</b>   | <b>-</b>   | 1  | T-   | 1  | П                   |
|          | 17                         | 7                                     | l –      | T  | 1  |  |  |  |  | П                   |
|          | 17<br>18<br>19             | 1                                     | $\vdash$ |  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | 1  | $\vdash$   | М                   |
|          | 19                         | 寸                                     | ┢─╴      | -  | -  | _  | -  | _  | <del>                                     </del> | -                   |
|          | 20                         | 1                                     | $\vdash$ |  |  |  |  |  |  | H                   |
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|          | 22                         | H                                     |          | H  | Н  |  |  |  |  |                     |
|          | 22<br>23<br>24             | $\vdash$                              | ┢╾       |  | $\vdash$   | ┢┈   | ┢  | $\vdash$   | -  | H                   |
|          | 24                         | $\vdash$                              | _        | _  | $\vdash$   | ┢  | _  | ┢  | _  | $\vdash$            |
|          | 25                         |                                       |          | -  | <del> </del>                                     | $\vdash$   | $\vdash$   | -  |  | Н                   |
| -        | 26                         |                                       |          | _  | <del>                                     </del> | $\vdash$   | $\vdash$   | H  | ┢  | Н                   |
|          | 25<br>26<br>27             | _                                     |          | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$            |
|          | 28                         |                                       | $\vdash$ | _  | -  | _  | _  | -  | $\vdash$   | 1                   |
| -        | 28<br>29                   |                                       | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$            |
|          | 30                         |                                       |          | $\vdash$   | $\vdash$   |  | $\vdash$   | ┢  | -  | Н                   |
|          | 31                         | -                                     | -        | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>  -  </del>                                 | <del>                                     </del> | H                   |
|          | 32                         | $\vdash$                              |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$            |
|          | 33                         |                                       |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | H                   |
|          | 33<br>34<br>35             |                                       |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash$   | $\vdash$            |
|          | 35                         |                                       |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$            |
|          | 36                         | _                                     | -        | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | Н                   |
|          | 37                         |                                       | -        | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | $\vdash$            |
|          | 36<br>37<br>38             |                                       |          |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | Н                   |
|          | 39                         |                                       |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | Н                   |
|          | 40                         |                                       |          | $\vdash$   | $\vdash$   | $\vdash$   | -  | -  | $\vdash$   | Н                   |
|          | 41                         | _                                     |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | Н                   |
| -        | 42                         | -                                     |          | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del>                                     | <del> </del>                                     | -  | $\vdash \vdash$     |
|          | 43                         | -                                     |          | -  | $\vdash$   | -  | -  | $\vdash$   | $\vdash$   | Н                   |
| -        | 44                         |                                       | <u> </u> | <del> </del>                                     | -  | <del> </del>                                     | $\vdash$   | ├  | <del> </del>                                     | $\vdash$            |
| -        | 45                         | $\vdash$                              | —        | <u> </u>   | Ь—   | ├─   | $\vdash$   | ├─   | <del>ا</del>                                     | $\vdash$            |
|          | 46                         | $\vdash$                              | _        | <del></del>                                      | -  | $\vdash$   | <del>                                     </del> | $\vdash$   | -  | $\vdash$            |
|          | 47                         | $\vdash$                              | <u> </u> | $\vdash$   | H  |  |  | <del></del>                                      |  | $\vdash \vdash$     |
|          | 48                         | -                                     |          | Н  | Н  |  |  | -  | -  | ${oldsymbol{dash}}$ |
|          | 49                         | $\dashv$                              | -        | $\vdash$   | $\vdash$   | $\vdash$   | H  | $\vdash$   | <u> </u>   | Н                   |
| $\dashv$ | 50                         |                                       | -        |  |  | $\vdash$   | -  | $\vdash$   | <u> </u>   | Н                   |
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| Cla                  | aim                        | Date     |          |          |          |                                     |              |          |              |  |
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|                      |                            |          |          |          |          |                                     |              |          |              |  |
| <u></u>              | Original                   |          |          |          |          |                                     |              |          |              |  |
| Final                | ij                         |          |          |          |          |                                     |              |          |              | 1  |
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|                      | 51                         | $\vdash$ | $\vdash$ | ⊢        | $\vdash$ | $\vdash$                            | ⊢            | -        | -            | $\vdash$   |
| $\vdash$             | 52                         | $\vdash$ | ┢        | -        | ┢        |                                     | ├            | ┝        | -            | <del>                                     </del> |
| <b>—</b>             | 51<br>52<br>53             | -        | -        | ├─       | ├─       |                                     | -            | -        | -            | Н  |
|                      | 53                         | ├—       | <u> </u> | -        | ├        | -                                   | -            | ⊢        | ŀ            | H  |
| $\vdash$             | 54<br>55                   | _        | _        |          | ├        | <u> </u>                            | -            |          | <del> </del> | Н  |
|                      | 56                         |          |          | -        | ⊢        | ⊢-                                  | ├-           |          | H            | Н  |
|                      | 55                         | <u> </u> | -        | -        | <u> </u> | -                                   | <u> </u>     |          | ┢            | Н  |
| <u> </u>             | 57                         | <u> </u> | _        |          |          | ⊢                                   | <u> </u>     | <u> </u> | ⊢            | $\vdash$   |
| <u> </u>             | 58<br>59                   | _        | <u> </u> | _        | L        | <u> </u>                            | <u> </u>     | ⊢        | <u> </u>     | Н  |
| <u> </u>             | 59                         | _        | <u> </u> | <u> </u> | <u> </u> | <u> </u>                            | <u> </u>     | ļ        | <u> </u>     | Ш  |
|                      | 60                         |          | L        | <u> </u> | L        |                                     | <u> </u>     | <u> </u> | <u> </u>     | Ш  |
|                      | 61                         | Щ        | <u> </u> | <u> </u> | ļ        | _                                   |              | $\vdash$ | <u> </u>     | Щ  |
| <u></u>              | 62                         |          |          | <u> </u> | L_       | _                                   | <u> </u>     | <u> </u> | <u> </u>     | Щ  |
| $\Box$               | 63<br>64<br>65             | _        | <u> </u> | <u> </u> | <u> </u> | <u> </u>                            | <u> </u>     |          | <u> </u>     | Ш  |
|                      | 64                         |          | <u> </u> | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | <u> </u> |              | Ш  |
|                      | 65                         |          | L.       | <u></u>  | <u> </u> | Щ                                   | <u> </u>     |          | L.           |  |
|                      | 66                         |          |          | L        | L        | L                                   | L            | <u> </u> | <u> </u>     | Ш  |
|                      | 66<br>67                   |          |          |          |          |                                     |              |          |              |  |
|                      | 68                         |          |          |          |          |                                     |              |          |              |  |
|                      | 69<br>70                   |          |          |          |          |                                     |              |          |              |  |
|                      | 70                         |          |          |          |          |                                     |              |          |              | П  |
|                      | 71                         |          |          | Γ        |          |                                     |              |          |              | П  |
|                      | 72                         |          |          |          |          |                                     |              |          |              |  |
|                      | 73                         |          |          |          |          |                                     |              |          |              | П  |
|                      | 72<br>73<br>74<br>75<br>76 |          |          |          |          |                                     |              |          |              |  |
|                      | 75                         |          |          |          |          |                                     |              |          |              |  |
|                      | 76                         |          |          |          |          |                                     | $\vdash$     | -        |              | П  |
|                      | 77<br>78<br>79             |          |          |          |          |                                     |              |          |              | П  |
|                      | 78                         |          |          |          |          |                                     |              |          |              |  |
|                      | 79                         |          |          | $\vdash$ | _        |                                     |              |          |              | Н  |
| -                    | 80                         |          |          |          |          |                                     |              |          | $\vdash$     |  |
|                      | 81                         |          |          | -        |          |                                     |              |          | <u> </u>     | Н  |
| $\vdash$             | 82                         | _        |          | -        |          |                                     |              |          | $\vdash$     | H  |
|                      | 82<br>83                   | _        | -        |          |          | _                                   | _            |          | $\vdash$     | H  |
| $\vdash$             | 84                         |          |          |          |          |                                     |              |          |              | Н  |
| $\vdash$             | 85                         |          | $\vdash$ | $\vdash$ |          | $\vdash$                            | <del> </del> | -        |              |  |
| $\vdash$             | 86                         | -        | Н        | Н        | -        | Н                                   | -            | -        | <u> </u>     | $\vdash$   |
| $\vdash \vdash$      | 87                         |          | $\vdash$ | Н        |          |                                     | $\vdash$     |          | $\vdash$     | $\vdash$   |
| $\vdash\vdash\vdash$ | 88                         | -        | $\vdash$ | Н        | -        | $\vdash$                            | -            |          | <del> </del> | $\vdash \vdash$                                  |
| $\vdash$             | 89                         | $\dashv$ | $\vdash$ | $\vdash$ | _        | $\vdash$                            |              |          | -            | $\vdash \vdash$                                  |
| $\vdash$             | 90                         | _        | $\vdash$ | $\vdash$ |          | Н                                   | $\vdash$     |          | H            | $\vdash \vdash \mid$                             |
| $\vdash$             |                            |          | Н        |          |          | $\vdash$                            | -            |          |              | $\vdash\vdash$                                   |
| $\vdash$             | 91                         | -        | $\vdash$ | -        |          | Н                                   | <u> </u>     | -        | Ь.           | Н  |
| $\vdash$             | 92                         | _        | _        | L        |          | Н                                   | $\vdash$     |          | Ь—           | Ш  |
| <b></b>              | 93                         |          |          |          |          |                                     |              |          |              | Щ  |
|                      | 94                         |          |          | Щ        |          | $\perp$                             |              |          | Ь            | Щ  |
|                      | 95                         | _        |          | Ш        |          |                                     |              |          |              | Щ  |
| L                    | 96                         | _        | $\Box$   | Ш        |          |                                     |              |          |              | Ш  |
|                      | 97                         |          |          |          |          |                                     |              |          |              | Ш  |
|                      | 98                         |          |          |          |          |                                     |              |          |              | Ш  |
|                      | 99                         | ]        |          |          |          |                                     |              |          |              |  |
|                      | 100                        |          |          |          |          |                                     |              |          |              |  |
| -                    |                            |          |          |          |          |                                     |              |          |              |  |

|       | Claim Date   |          |          |          |          |          |  |              |                 |          |
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| Final | Original   |          |          |          |          |          |  |              |                 |          |
|       | 101<br>102   |          |          |          |          |          |  |              |                 |          |
|       | 102  | <u> </u> | L        | <u> </u> | _        | L        | L  | 匚            | L               |          |
|       | 103  | <u> </u> | ļ        | ļ        | <u> </u> | <u> </u> | ļ.,  | <b> </b>     | <u> </u>        |          |
|       | 104  | _        | ⊢        | $\vdash$ | ┝        | ├-       | _  | <del> </del> | ├               | <u> </u> |
|       | 105  |          | $\vdash$ | -        | ├        | ├        | $\vdash$   | ┢            | $\vdash$        | -        |
|       | 107  | $\vdash$ |          |          | H        |          | ╁  | ┢            |                 | -        |
|       | 103<br>104<br>105<br>106<br>107<br>108               |          |          | $\vdash$ |          | F        | m  |              |                 |          |
|       | 109  |          |          |          |          |          |  |              |                 |          |
|       | 109<br>110<br>111<br>112<br>113                      |          |          |          |          |          |  |              |                 |          |
|       | 111  |          | _        |          |          | L        | _  | <u> </u>     |                 |          |
|       | 112  |          |          |          | _        | <u> </u> | L  | <u> </u>     |                 |          |
|       | 113  |          | <u> </u> |          | _        |          | _  | ┝            | -               |          |
|       | 114<br>115<br>116                                    |          |          | -        | <u> </u> | ⊢        | ⊢  | ⊢            | ⊢               |          |
|       | 116  |          | -        |          | ┢        | -        | $\vdash$   | $\vdash$     | H               | Н        |
|       | 117  |          |          | $\vdash$ | $\vdash$ | _        | <del>                                     </del> | ╁            | _               | -        |
|       | 117<br>118<br>119<br>120<br>121                      |          | -        | $\vdash$ | $\vdash$ |          |  |              | H               |          |
|       | 119  |          |          |          |          |          |  |              |                 |          |
|       | 120  |          |          |          |          |          |  |              |                 |          |
|       | 121  |          |          |          |          |          |  |              |                 |          |
|       | 122  |          |          | <u> </u> |          | _        | _  | _            |                 | Ш        |
|       | 123  | _        |          | _        | _        | _        | L  | _            | _               | Ш        |
|       | 124  |          | <u> </u> |          | _        | ⊢        | -  | ┢            | -               | Н        |
|       | 126  |          |          |          | $\vdash$ |          | _  | $\vdash$     | H               | $\vdash$ |
|       | 127  |          |          |          | _        |          |  | -            | -               |          |
|       | 128  |          |          |          | П        |          |  |              |                 |          |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          |          |          |          |          |  |              |                 |          |
|       | 130<br>131   |          |          |          |          |          |  |              |                 |          |
|       | 131  |          |          | _        |          | L.       |  |              |                 | Ш        |
|       | 132  |          | _        | _        | _        |          | <u> </u>   | _            |                 | $\dashv$ |
|       | 133<br>134   |          | _        | _        | _        |          | $\vdash$   | $\vdash$     |                 | $\dashv$ |
|       | 135  |          |          |          | -        |          | $\vdash$   | -            |                 | $\dashv$ |
|       | 136  |          |          |          |          | -        | -  | -            |                 | $\dashv$ |
|       | 136<br>137<br>138                                    |          |          |          |          |          |  |              |                 | $\Box$   |
|       | 138  |          |          |          |          |          |  |              |                 |          |
|       | 139  |          |          |          |          |          |  |              |                 |          |
|       | 140  |          |          |          |          |          | L  |              |                 |          |
|       | 141  |          |          |          |          | Ш        | L  |              | Щ               |          |
|       | 142  |          |          |          |          |          | <u> </u>   | $\vdash$     | $\vdash \vdash$ | $\Box$   |
|       | 143<br>144   |          |          | _        |          | $\vdash$ | $\vdash$   | H            | Н               | $\vdash$ |
|       | 145  |          | _        | -        | -        | Н        | H  |              | H               |          |
|       | 146  | -        |          |          |          | Н        | -  | $\vdash$     | -               | $\dashv$ |
|       | 147  | $\neg$   |          |          |          |          |  |              |                 |          |
|       | 148  |          |          |          |          |          |  |              |                 |          |
|       | 149  |          |          |          |          |          |  |              |                 |          |
|       | 150  |          |          |          |          |          |  |              |                 |          |